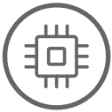




# V2801AX30C-A

1XPON(PoF) + 1GE + WiFi6 Ceiling Installation ONT

## Key Features:



High Performance Chipset



Next-Gen Gigabit WiFi  
Speed up to 3 Gbps,  
160Mhz bandwidth



Ceiling installation  
Small and beautiful

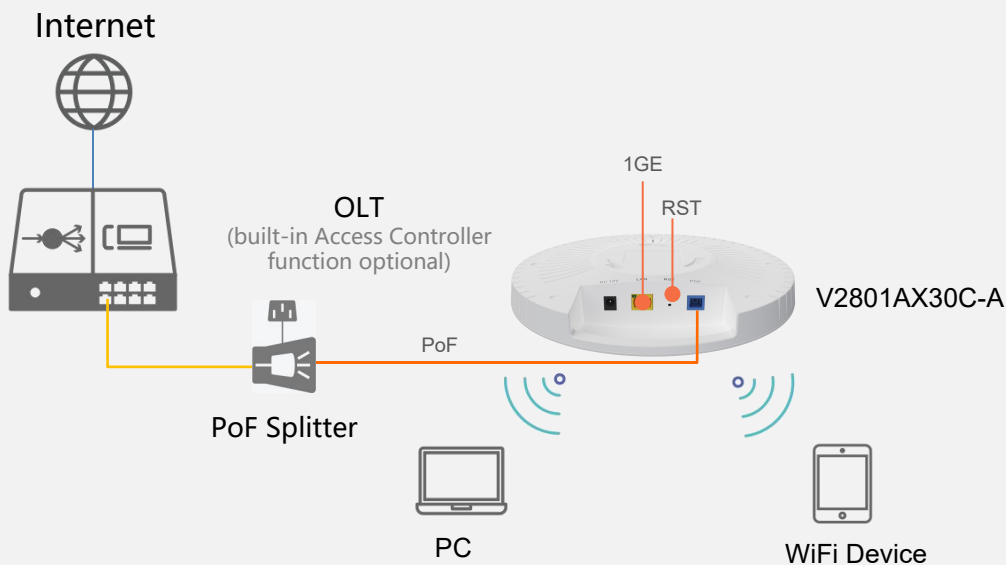


PoF  
Powered supply

## Introduction:

VSOL V2801AX30C-A is a newly launched circular ceiling-mounted WiFi 6 ONT, which is small, beautiful and easy to install. It supports PoF optical-electric composite cable power supply, PoF into the room, power failure without disconnection, power transmission and optical fiber transmission do not interfere with each other, more stable and safe. This ONT is flexible and easy to use in a variety of scenarios such as hotel lobbies, classrooms, conference rooms, restaurants, etc. It is equipped with high performance AX3000 chipset, built-in WiFi antenna, wireless rate up to 3000Mbps, providing users with excellent performance.

## Application Chart:



## ○ Hardware Parameter

Dimension	240mm*240mm*48mm(L*W*H)
Net weight	400g
Working condition	Working temp: -10~+55°C Working humidity:5~95%(non-condensing)
Storing condition	Storing temp: -40~+70°C Storing humidity:5~ 95% (non-condensing)
Power adapter	Local power supply:DC 12V, 1A; PoF power supply:DC 48~56V or AC 100~240V
Power supply	≤12W
Interface	1GE+WiFi6
Indicators	PON/LOS, LAN
Button	Reset
Installation	Ceiling installation

## ○ Interface Parameter

PON Interface	<ul style="list-style-type: none"> <li>• 1XPON port(EPON PX20+ and GPON Class B+)</li> <li>• SC single mode, SC/UPC connector</li> <li>• Support PoF</li> <li>• TX optical power: 0~+4dBm</li> <li>• RX sensitivity: -27dBm</li> <li>• Overload optical power: -3dBm(EPON) or -8dBm(GPON)</li> <li>• Transmission distance: 20KM</li> <li>• Wavelength: TX 1310nm, RX1490nm</li> </ul>
User Interface	• 1*GE, Auto-negotiation,RJ45 ports
WLAN Interface	<ul style="list-style-type: none"> <li>• Compliant with IEEE802.11b/g/n/ac/ax</li> <li>• 2402 Mbps on 5GHz and 574Mbps on 2.4 GHz</li> <li>• 2.4GHz: 2x2, 5GHz: 3x3; Internal antennas</li> <li>• Maximum number of connected devices:128</li> </ul>

## ○ Function Data

O&M	<ul style="list-style-type: none"> <li>• WEB/TELNET/OAM/OMCI/TR069</li> <li>• Support private OAM/OMCI protocol and Unified network management of VSOL OLT</li> </ul>
-----	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------

## ○ Function Data

Multicast	<ul style="list-style-type: none"> <li>• IGMP v1/v2/v3, IGMP snooping</li> <li>• IGMP Proxy</li> <li>• MLD v1/v2 snooping</li> <li>• MLD Proxy</li> </ul>
Wireless	<ul style="list-style-type: none"> <li>• Wi-Fi 6: 802.11a/n/ac/ax 5GHz &amp; 802.11b/g/n/ax 2.4GHz</li> <li>• WiFi Encryption:WPA/WPA2/WPA3(personal), WPS2.0</li> <li>• Support MU-MIMO &amp; OFDMA</li> <li>• Support Multiple SSID</li> <li>• Support hidden SSID</li> <li>• Support Mesh</li> </ul>
QOS	<ul style="list-style-type: none"> <li>• Support 4 queues</li> <li>• Support SP, WRR, 802.1P and DSCP</li> </ul>
L2	<ul style="list-style-type: none"> <li>• Support 802.1D&amp;802.1ad bridge, 802.1Q VLAN</li> </ul>
L3/L4	<ul style="list-style-type: none"> <li>• Support IPv4, IPv6 and IPv4/IPv6 dual stack</li> <li>• Support DHCP/PPPOE/Static IP</li> <li>• Support Static route,NAT</li> <li>• Support DMZ, ALG,UPnP</li> <li>• Support Virtual Server</li> <li>• Support DNS Client and DNS Proxy</li> <li>• Support DDNS</li> </ul>
Security	<ul style="list-style-type: none"> <li>• Support local access control</li> <li>• Support IP/MAC filtering, URL filtering</li> <li>• Support Anti-DoS attack function</li> <li>• Support loop detection</li> <li>• Support Parental control function</li> </ul>
System Function	<ul style="list-style-type: none"> <li>• Support NTP (Network Time Protocol)</li> <li>• Support scheduled device restart</li> <li>• Support Ping and Traceroute diagnosis</li> <li>• Support Iperf speed measurement function</li> <li>• Support WLAN packet capture</li> </ul>

Product Name	Product Description	Accessories
V2801AX30C-A	1*XPON(PoF)+1*GE+WiFi6	AC-DC power adaptor: DC12V/1A(Optional)